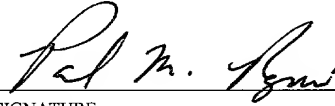


Form PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV 10-95) TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 115-011459
		U.S. APPLICATION NO. (if known, see 37 CFR 1.53) 09/936275
INTERNATIONAL APPLICATION NO PCT/CH00/00112 ✓	INTERNATIONAL FILING DATE 29.02.00 (29 February 2000) ✓	PRIORITY DATES CLAIMED 11.03.99 (11 March 1999) ✓
TITLE OF INVENTION CLOTHES HANGER ✓		
APPLICANT(S) FOR DO/EO/US Paul SCHWEIZER ✓		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). <input checked="" type="checkbox"/> has been transmitted by the International Bureau <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). <input type="checkbox"/> have been transmitted by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired <input checked="" type="checkbox"/> have not been made and will not be made <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <input checked="" type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11. to 16. below concern document(s) or information included:</p> <ol style="list-style-type: none"> <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A change of power of attorney and/or address letter. <input checked="" type="checkbox"/> Other items or information: <ol style="list-style-type: none"> WO 00/53066-Front Page (1 p.) and Search Report (4 pp.) 		

U.S. APPLICATION NO. (If known, use 37 CFR 1.53) 09/936275		INTERNATIONAL APPLICATION NO. PCT/CH00/53066		ATTORNEY'S DOCKET NUMBER 0115-011459	
17. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)): Search Report has been prepared by the EPO or JPO..... \$860.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) \$690.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2))..... \$710.00 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO..... \$1000.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)..... \$100.00				CALCULATIONS PTO USE ONLY	
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$ 860.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	20 - 20	0	X \$18.00	\$ 0.00	
Independent claims	1 - 3 =	0	X \$80.00	\$ 0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$270.00	\$ 0.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 860.00	
Reduction of 1/2 for filing by small entity, if applicable				\$ 430.00	
SUBTOTAL =				\$ 430.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +				\$ 0.00	
TOTAL NATIONAL FEE =				\$ 430.00	
Fee for recording the enclosed assignment (37 CFR 1.21(b)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$ 0.00	
TOTAL FEES ENCLOSED =				\$ 430.00	
				Amount to be: Refunded	\$
				Charged	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>430.00</u> to cover the above fees is enclosed b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Assistant Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>23-0650</u> . A duplicate copy of this sheet is enclosed.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: William H. Logsdon 700 Koppers Building 436 Seventh Avenue Pittsburgh, Pennsylvania 15219-1818 Telephone: (412) 471-8815 Facsimile: (412) 471-4094			<div style="text-align: center;">  SIGNATURE <u>Paul M. Reznick</u> NAME <u>33,059</u> REGISTRATION NUMBER </div>		

09/936275
JC03 Rec'd PCT/PTO 10 SEP 2001

PATENT APPLICATION/PCT
Atty. Docket No. 115-011459

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Paul SCHWEIZER : CLOTHES HANGER
International Application :
No. PCT/CH00/00112 :
International Filing Date :
29 February 2000 :
Priority Date Claimed :
11 March 1999 :
Serial No. Not Yet Assigned :
Filed Concurrently Herewith :

Pittsburgh Pennsylvania
September 10, 2001

PRELIMINARY AMENDMENT

BOX PCT
Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to initial examination, please amend the above-identified patent application as follows:

IN THE SPECIFICATION:

Please insert section headings and delete and amend specification paragraphs as follows. (Pursuant to 37 CFR 1.121, marked-up versions of the amended specification paragraphs are attached.)

On amended page 1, after the title, please insert the following section headings:

BACKGROUND OF THE INVENTION

1. Field of the Invention

On amended page 1, after the first complete paragraph, please insert the following section heading:

2. Description of the Related Art

On amended page 1, after the second complete paragraph, please insert the following section heading:

SUMMARY OF THE INVENTION

On amended page 3, please delete the first paragraph which begins with "One exemplary" and ends with "which:"

On amended page 3, before the paragraph which begins with "Figure 1", please insert the following section heading:

BRIEF DESCRIPTION OF THE DRAWINGS

On amended page 4, before the first complete paragraph, please insert the following section heading:

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

IN THE CLAIMS:

Please cancel original claims 1-10 and rewrite them as new claims 11-30 as follows:

11. A clothes hanger comprising a hook and two arms projecting from it, wherein the arms are each formed by a bottle-shaped container.

12. The clothes hanger as claimed in claim 11, wherein each of the bottle-shaped containers is fastened by its mouth to the hook.

13. The clothes hanger as claimed in claim 12, wherein the bottle-shaped containers are each detachably fastened to the hook.

14. The clothes hanger as claimed in claim 12, wherein the hook has a thread for each bottle-shaped container, and each of the bottle-shaped containers is screwed into one of these threads by its mouth.

15. The clothes hanger as claimed in claim 11, wherein the bottle-shaped containers are plastic bottles.

16. The clothes hanger as claimed in claim 11, further comprising a fastening part for the detachable fastening of the bottle-shaped containers, the fastening part located on the lower end of the hook.

17. The clothes hanger as claimed in claim 16, wherein two screw caps are inserted into the fastening part, into each of which bottle caps a bottle-shaped container is screwed.

18. A hook for a hanger, comprising two fastening means, each of which is provided for the fastening of a bottle-shaped container.

19. The hook as claimed in claim 18, wherein each of the fastening means has a thread.

20. The hook as claimed in claim 19, wherein the hook is manufactured in the form of a plastic injection molded part.

21. The clothes hanger as claimed in claim 13, wherein the hook has a thread for each bottle-shaped container, and each of the bottle-shaped containers is screwed into one of these threads by its mouth.

22. The clothes hanger as claimed in claim 15, wherein the plastic bottles are beverage bottles.

23. The clothes hanger as claimed in claim 12, wherein the bottle-shaped containers are plastic bottles.

24. The clothes hanger as claimed in claim 13, wherein the bottle-shaped containers are plastic bottles.

25. The clothes hanger as claimed in claim 14, wherein the bottle-shaped containers are plastic bottles.

26. The clothes hanger as claimed in claim 12, further comprising a fastening part for the detachable fastening of the bottle-shaped containers, the fastening part located on the lower end of the hook.

27. The clothes hanger as claimed in claim 13, further comprising a fastening part for the detachable fastening of the bottle-shaped containers, the fastening part located on the lower end of the hook.

28. The clothes hanger as claimed in claim 14, further comprising a fastening part for the detachable fastening of the bottle-shaped containers, the fastening part located on the lower end of the hook.

29. The clothes hanger as claimed in claim 15, further comprising a fastening part for the detachable fastening of the bottle-shaped containers, the fastening part located on the lower end of the hook.

30. The clothes hanger as claimed in claim 16, wherein two screw caps are inserted into the fastening part, into each of which bottle caps a bottle-shaped container is screwed.

IN THE ABSTRACT:

Please replace the paragraph on page 8 with the following rewritten paragraph:

A clothes hanger is provided with a hook and two arms projecting from it. Each of the arms is formed by a bottle-shaped container. The hook preferably has a thread for each bottle-shaped container. Each of the bottle-shaped containers is detachably screwed into one of these threads by means of its mouth.

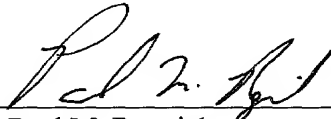
REMARKS

The specification has been amended to place the application in conformance with standard United States patent practice.

Examination and allowance of pending claims 11-30 are respectfully requested.

Respectfully submitted,

WEBB ZIESENHEIM LOGSDON
ORKIN & HANSON, P.C.

By 

Paul M. Reznick
Registration No. 33,059
Attorney for Applicants
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Facsimile: 412-471-4094

VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the abstract:

Paragraph beginning at page 8 has been amended as follows:

[The] A clothes hanger is provided with a hook [(2)] and two arms projecting from it. Each of the arms is formed by a bottle-shaped container [(4)]. The hook [(2)] preferably has a thread [(8)] for each bottle-shaped container [(4)]. Each of the bottle-shaped containers [(4)] is detachably screwed into one of these threads [(12)] by means of its mouth [(7)].

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Clothes Hanger

This invention relates to a clothes hanger with a hook and two arms projecting from it.

FR-A-2 719 207 describes a clothes hanger with a hook and two arms projecting from it.

The object of the invention is to create a clothes hanger that preserves the shape of the articles of clothing hung on it and can nevertheless be manufactured very economically.

The invention teaches that this object can be accomplished by a clothes hanger of the type described above in which each of the arms is formed by a bottle-shaped container.

Beverage bottles, among other things, have an essentially cylindrical shape with rounded edges and are extremely well-suited as supports for clothes. The drinking bottles provide a seamless and very protective support for articles of clothing. Used plastic beverage bottles are particularly well suited for use as the bottle-shaped containers. These bottles are very lightweight and yet retain their shape very well. The clothes hanger claimed by the invention is therefore particularly well suited for the recycling of used beverage

bottles. The used beverage bottles simply need to be cleaned, which means that the recycling process consumes very little energy.

In one development of the invention, each of the bottle-shaped containers is fastened by means of its mouth to the hook. A fastening of this type is particularly simple and stable if the hook has a thread for each bottle-shaped container and each of the bottle-shaped containers is screwed into one of these threads by means of its mouth. The bottle-shaped containers can then be fastened to the hook and removed from it very easily. The hook need only be provided with two threads. Because threads of this type are standard on beverage bottles, a great many different types of beverage bottles can be used.

The hook can be manufactured very economically in the form of an injection molded plastic part. Other materials can also be used, however, such as iron, wood and similar materials. The hook can also be provided with a wire loop.

Clothes hangers as taught by the invention are also well suited for use as advertising media.

The invention also relates to a hook for a clothes hanger. This hook is characterized by two fastening means that are provided for the fastening of two bottle-shaped containers. Because beverage bottles can be found in almost every household, the manufacture of the clothes hanger can be limited to the manufacture of the hook. The arms

are then manufactured by the user, by fastening his or her own beverage bottles. The user can replace these arms with other bottle-shaped containers as necessary. Hangers of different sizes can be created by using different sizes of bottles. For transport, the size of the hanger can be reduced by removing the bottles.

One exemplary embodiment of the clothes hanger taught by the invention is described in greater detail below and is illustrated in the accompanying drawings, in which:

- Figure 1 is a view of a clothes hanger as claimed by the invention with an article of clothing indicated in broken lines,
- Figure 2 is a schematic illustration of the fastening of a beverage bottle to a hook
- Figure 3 is a view of a hook in partial cross section,
- and
- Figure 4 is a view of the hook in the direction indicated by Arrow IV in Figure 3.

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Figure 1 shows a jacket 5 which is hung on a clothes hanger 1. This clothes hanger 1 consists essentially of a hook 2 and two bottle-shaped containers 4 which are fastened to said hook.

To fasten the bottle-shaped containers to the hook 2, the hook 2, as shown in Figure 3, has two threads 12 which are formed by threaded caps 11, each of which is inserted into a recess 10 of a fastening part 3 of the hook. The covers 11 are fastened in the recesses 10 in a suitable manner such as by locking, latching and/or by means of a suitable adhesive or by welding. The thread 12 can also be formed directly on the fastening part 3, however. The hook 2 can be a single-story injection molded part, for example.

Each of the bottle-shaped containers 4 is screwed by means of a thread 8 on its mouth 7 in the direction indicated by the arrow 9 onto one of the two threads 12 as illustrated in Figure 2. The threads 12 are opposite each other and are oriented so that the two bottle-shaped containers 4 fastened to the hook 2 are at an appropriate angle to each other, which angle is preferably greater than 90 degrees. The fastening of the bottle-shaped containers 4 to the hook 2 is preferably although not necessarily detachable. The threaded connection shown here can also be replaced by other suitable connections, such as snap connections or locking connections.

The hook 2 is preferably made of plastic using the injection molding process. The curve 6 of the hook 2, however, can

also be a curve made of wire or a similar material. It is also conceivable that the hook can be made of wood or another suitable material.

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AMENDED PAGE

Claims

1. Clothes hanger with a hook (2) and two arms projecting from it, characterized by the fact that the arms are each formed by a bottle-shaped container (4).
2. Hanger as claimed in Claim 1, characterized by the fact that each of the bottle-shaped containers (4) is fastened by means of its mouth (7) to the hook (2).
3. Hanger as claimed in Claim 2, characterized by the fact that the bottle-shaped containers (4) are each detachably fastened to the hook (2).
4. Hanger as claimed in Claims 2 or 3, characterized by the fact that the hook (2) has a thread (8) for each bottle-shaped container (4), and each of the bottle-shaped containers (4) is screwed into one of these threads (12) by means of its mouth (7).
5. Hanger as claimed in one of the Claims 1 to 4, characterized by the fact that the bottle-shaped containers (4) are plastic bottles, in particular beverage bottles made of plastic.
6. Hanger as claimed in one of the Claims 1 to 5, characterized by the fact that a fastening part (3) for the detachable fastening of the bottle-shaped containers (4) is located on the lower end of the hook (2).

- $\begin{array}{l} \text{Fe} \\ \text{Co} \\ \text{Ni} \\ \text{Cu} \\ \text{Zn} \\ \text{Ga} \\ \text{Ge} \\ \text{As} \\ \text{Se} \\ \text{Br} \\ \text{I} \\ \text{Te} \\ \text{Sb} \\ \text{Sn} \\ \text{Pb} \\ \text{Bi} \\ \text{Po} \\ \text{At} \\ \text{Rn} \end{array}$

"Clothes Hanger"
Inventor Paul SCHWEIZER
0115-011459
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Fig. 1

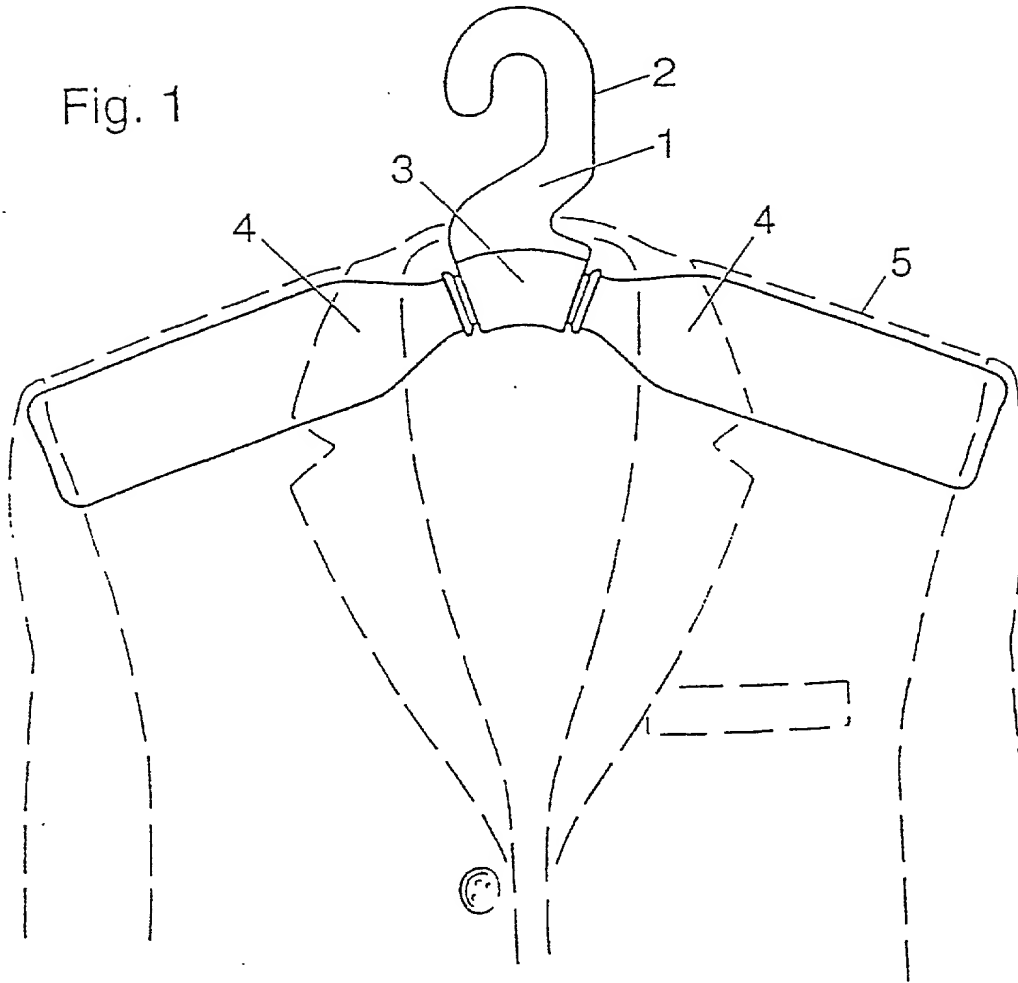
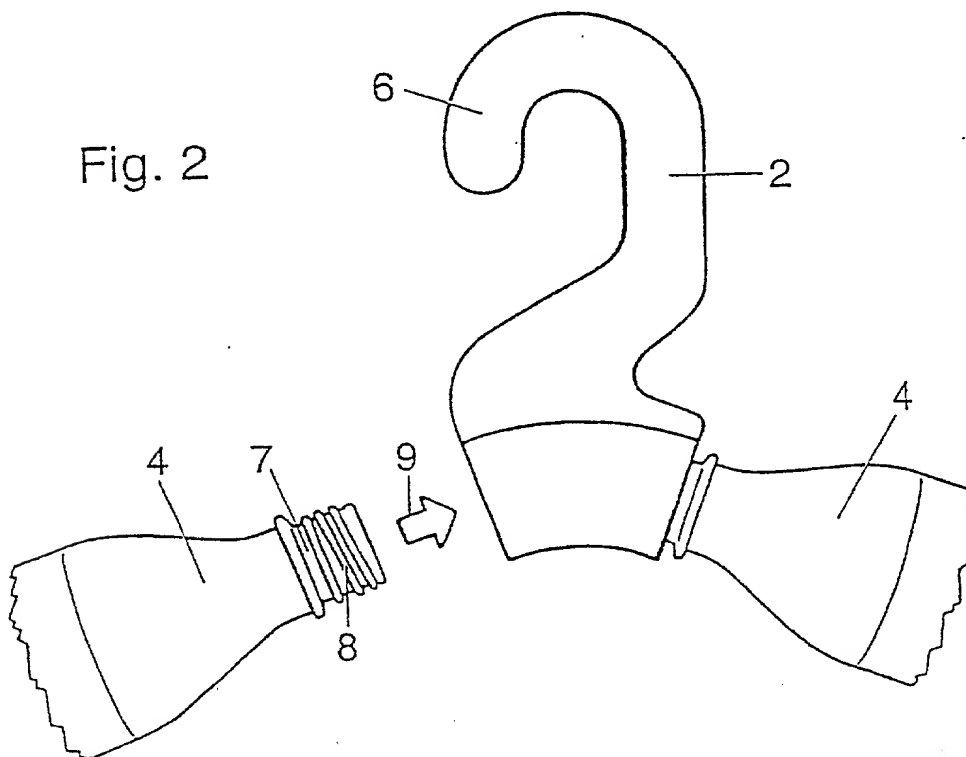
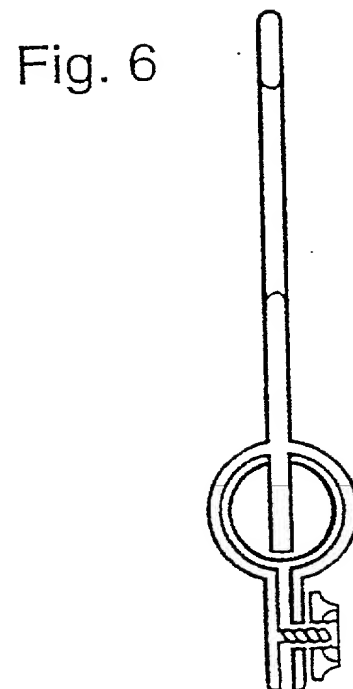
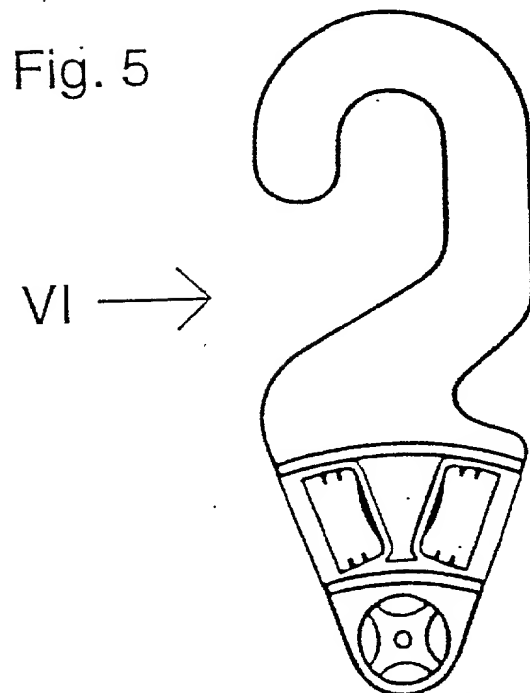
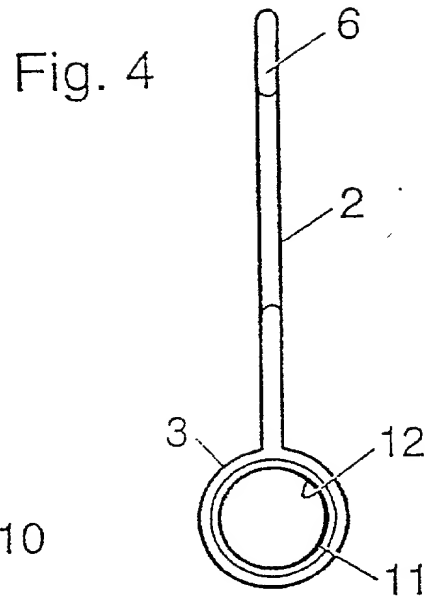
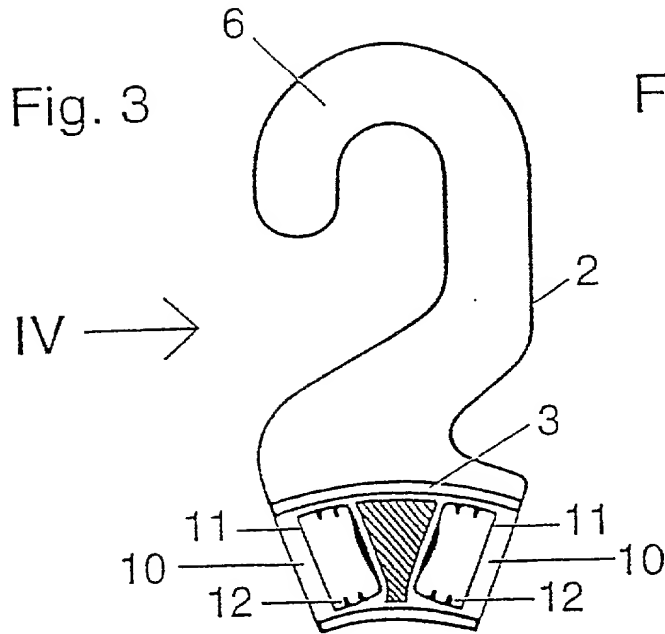


Fig. 2





Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Clothes Hanger

the specification of which

(check one)

☐ is attached hereto.

☐ was received on _____ as

application Serial No. _____

and was amended on _____

(if applicable)

☒ was filed as PCT international application

No. PCT/CH00/00112 on 29 February 2000

and was amended under PCT Article 19 on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

<u>459/99</u> /	<u>Switzerland</u> /	<u>11 March 1999</u> /	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)

(Filing Date)

(Status)
(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)
(patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

William H. Logsdon	<u>22,132</u>	Paul M. Reznick	<u>33,059</u>	Jesse A. Hirshman	<u>40,016</u>
Russell D. Orkin	<u>25,363</u>	John W. McIlvaine	<u>34,219</u>	James G. Porcelli	<u>33,757</u>
David C. Hanson	<u>23,024</u>	Michael I. Shamos	<u>30,424</u>	Kent E. Baldauf, Jr.	<u>36,082</u>
Frederick B. Ziesenheim	<u>19,438</u>	Blynn L. Shideler	<u>35,034</u>	Christian E. Schuster	<u>43,908</u>
Richard L. Byrne	<u>28,498</u>	Julie W. Meder	<u>36,216</u>	Deborah M. Altman	<u>42,259</u>
I E. Baldauf	<u>25,826</u>	Lester N. Fortney	<u>38,141</u>	Dean E. Geibel	<u>42,570</u>
I ara E. Johnson	<u>31,198</u>	Randall A. Notzen	<u>36,882</u>	Thomas Clinton	<u>40,561</u>
				Nathan J. Prepelka	<u>43,016</u>

Correspondence to:

William H. Logsdon, 700 Koppers Building, 436 Seventh Avenue, Pittsburgh PA 15219-1818

et Telephone calls to: (name and telephone number) William H. Logsdon(412) 471-8815

Name of sole or first inventor

SCHWEIZER

Inventor's signature

Schweizer

Date

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Citizenship

Switzerland ✓

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Full name of second joint inventor, if any

Second inventor's signature

Date

Residence

Citizenship

Post Office Address

(Supply similar information and signature for third and subsequent joint inventors.)